



# cross talk

NEWS BULLETIN OF TRW AMATEUR RADIO CLUB



Sponsored by Systems Employee Association



November 1981

FD '71  
WAS FD '73  
WAC FD '75  
FD '76

## OCTOBER SWAP MEET—Bill Schreck, KE6LB

Our Halloween edition brought a packed house; the lot was 90% full at 7 AM when TRW/ARC arrived to set up the refreshment booth. Even as we were setting up, the buyers and sellers, who had already been on site for an hour or so, began storming the gates, begging us to hurry. I think we have created a monster.

The operators for October were Ed Wheeler (N6AGA), Fred Garrett (N6CRW), and Dave Gilmore (WB6IDJ). We got a bonus with Dave, since his daughter Phyllis also helped out. As always, several club members stopped by and helped us out when we were busy, which is really appreciated. (We were always busy—ed.)

Bill Dews and his independent crew of TRW/ARC members took care of auctioning off all of the donated equipment the club had amassed. The auction added spice to the swapmeet.

Operators scheduled for the November 28th edition are Ed Thornley (W6RXD), Paul Weisz (K6YQ), and Brad Rodriguez. We still need more operators, so please call to sign on.

## THE RESULTS ARE IN: FIELD DAY 1981—From QST, November 1981

CLUB	CLASS	OPERATIONS	ENTRIES	POINTS
TRW	5A	B-23	2358	6,878
Hughes	4A	B-25	2384	7,012
Northrop	6A	B-45	2416	6,792
URAC	7A	B-50	4787	14,520

In class 5A, the winner was N6ME. The next '6' to appear was K6SYU in 13th place—we followed in 14th. The number under operations indicates how many operators/helpers/loggers/beer drinkers each group had at the Field Day site. We used to have 40 to 50 and still need more help. See what we can do with only 23? Set aside June 25, 26, and 27, 1982 for Field Day with W6TRW.

## **ANNOUNCEMENTS!**

When: Wednesday, Noon, November 25  
Where: R4-1041  
Speaker: Garrett/W6TRW Repeater  
Subject: 145.32 Receive  
144.72 Transmit (2A-PL)

**DID YOU KNOW**—That you are no longer required to identify the station you are talking to? You are still required to identify yourself at the beginning and end of a QSO, and at ten minute intervals. Giving both calls is still alright, and it may even be a good idea when working CW.

MINUTES—Connie Gilmore, WA6SKM

GENERAL MEETING, October 28, 1981

General discussions included the OSCAR station, the treasurer's report, and Crosstalk.

Bill Dews moved that the club send \$100 to AMSAT. The motion passed 10 to 8; a check will be sent.

Following Ralph Clark's excellent talk on Marconi, door prizes were awarded to Gary Komatsu (cord reel) and Ed Thornley (diagonal dykes).

EXECUTIVE MEETING, November 10, 1981

The meeting was called to order at 6:30 PM at Sala's. The first item on the agenda was the treasurer's report, which follows.

The recent picnic meeting at Pollywog Park was acknowledged to be a complete success.

The Board discussed refurbishing the antennas on building 65, and delegated Vic (KA6NDN) to survey the antenna guy lines and make recommendations about what needs replacement.

Paul Weisz moved, and Fred Garrett seconded, that the club allocate \$150 to buy equipment for the Oscar Station, including relays, rotators, and miscellaneous hardware. The motion passed unanimously.

The club president, with concurrence of the entire executive committee, asks that all club members abstain from airing grievances over the air. If you have a complaint, please use a land line.

A continuing rumor, from some fairly reliable sources, is that the FCC is giving up on the "plain language text" rules, reported Bill Dailey. Bill also told the committee that he will submit an article about the repeater association in the near future.

Paul Weisz and Bill Dailey reported that towers over 30 ft high must follow the general building code of the city of residence, and most cities use the county building code.

TRW/ARC FINANCIAL STATEMENT—Fred Garrett, N6CRW

Credit Union QSL Account	350.00
General Fund Account	447.67
Swap Meet Account	<u>765.46</u>
TOTAL	1,563.13

ATTENTION LA AREA RADIO CLUBS

Please advise your own club members through your newsletters that the TRW/ARC Amateur Radio Swapmeet begins at 8 AM and closes at 11 AM on the last Saturday of the month. Attendees have misused these starting and stopping times in the past, and they will be enforced in the future. Also, please mention that the site must be left clean at the conclusion of the swapmeet. Visitors and Sellers should help TRW/ARC keep the site clean by depositing any trash they have in the trash cans provided and picking up any trash lying around. TRW/ARC members are very busy operating the swapmeet and shouldn't have to stay after the swapmeet to pick up trash. The swap meet is admission-free and is being held for the enjoyment of the LA Amateur Community. TRW ARC members voluntarily work at the swapmeet and are not compensated. Please help us stay in operation by abiding by the swapmeet operating rules, which will be displayed on site and will be handed out to sellers entering the swapmeet site. Thank you, TRW/ARC

LICENSE RENEWALS

K6RT	Richard Treece	11-23-81
Telegraph Ticket	Nelson Hayes	1-14-82
WA6DLA	Dale Mooney	1-18-82
WB6TWY	Roy Adams	1-14-82
WB6RXP	Barbara Berntsen	1-11-82

When you renew your license, please send the new date to Mel Erb.

### NEWS FLASH ON CLUB BADGES

Members who wear their club badges to meetings get one free door prize ticket. Don't be left out--if you don't have a club badge, order one now from Bill Dews (K6AWO). They only cost \$2.00 each.

### THERE'S A NEW STAR IN THE HEAVENS

UoSAT-Oscar 9 was launched from Vandenberg AFB in early October, and it carries some impressive gear. One of the best is an Earth-pointing solid state camera designed to provide land and sea image data for transmission to simple and inexpensive ground stations. Other goodies onboard are beacons at 7, 14, 21, and 28 MHz to provide data on ionospheric paths and electron densities; a magnetometer to study the Earth's magnetic field; radiation detectors and counters to study solar activity in real time; and microwave beacons to study SHF propagation. It also features some telemetry in synthesized speech, as well as in ASCII, Baudot, and morse code.

As part of our emerging Oscar station, TRW/ARC has purchased the ARRL's Oscarlocator package, which provides station requirements and operating tips, frequency charts, launch history, and other goodies. For more information, contact club president Gary Komatsu.

### AUCTION REPORT--Frank Bayuk, WA6RZL

One of the special features of the October swap meet was the club auction, and thanks to Bill Dews, I was not only a first-time visitor to the event, but was shanghied into serving as the auctioneer. Many people helped to make the event profitable for the club: Fred Valentine, Ed Wheeler, Bob Hume, Charley Speelman, Gary Komatsu, Dale Mooney (assitant to the auctioneer), Vic Musil, Phil Wheeler, and Bill Dews. The least pleasant part of the job began at 7:15 AM, but with so many involved, the loading was finished in about 40 minutes. Now that everything is over, I'd like to make some suggestions. This even is important to the club both for publicity and revenue. Publicity is easily obtained over the air. The revenue aspect could use more attention. With the auction, the biggest problem is that neither the auctioneer nor the prospective buyers new how well an item worked or how much it was really worth. As a result, for example, we ended up selling oscilloscopes for less than \$10. Since most of the items are donations, we need some volunteers to sort through the items and evaluate them periodically, before the next auction. (Or, perhaps, the donors could do this--ed.)

The club also needs a better PA system, as well as a good sign, prominently posted, explaining who is conducting the auction and why.

So much for the comments--I would like to thank all those who helped and all those who attended the auction.

### FOR SALE

Wilson MK 2 hand-held; six channels including 147.51 simplex and 145.32 (TRW repeater); SS-32 PL installed; two battery packs. Price \$145. Contact Bill Schreck, 536-4464.

### IN CASE YOU MISSED IT

Even if you get QST at home you might have missed the article on page 87 of the November issue. TRW/ARC is the featured group in a special on swap meets--and ours is held up as a model for others who might want to try it. It's sure nice to be a pace-setter! If you haven't read it yet, be sure to beg, borrow, or steal (i.e., photocopy) the November QST.

### FOR YOUR INFORMATION

There's a report out of Harvard Medical School that electricity is being used to heal broken bones that haven't healed for a long time on their own. There are three methods used, two of which use surgically implanted electrodes. In the third method, current is induced in the bone by pulsing electromagnetic fields generated by coils on the outside of a plaster cast. Your editor feels it's still a good idea to keep one hand in your pocket while working on your gear--even if you do have a broken bone.